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PTO/SB/21 (04-04)

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U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/751,009
	Filing Date	December 31, 2003
	First Named Inventor	Samuel P. McManus et al.
	Art Unit	Unassigned
	Examiner Name	Unassigned
Total Number of Pages in This Submission	Attorney Docket Number	SHE0074.00

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	74 Cited References
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Mark A. Wilson; NEKTAR THERAPEUTICS
Signature	<i>Mark A. Wilson</i>
Date	October 15, 2004

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.		
Typed or printed name	Minna Cotter	
Signature	<i>Minna Cotter</i>	Date 15 OCT 04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Samuel P. McManus et al.

Atty. Docket No.: SHE0074.00

Examiner: Unassigned

Application No.: 10/751,009

Group Art Unit: Unassigned

Filed: 12/31/2003

Title: POLYMER DERIVATIVES AND
CONJUGATES THEREOF

CERTIFICATE OF MAILING

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Signed: Minno Carter

INFORMATION DISCLOSURE STATEMENT

UNDER 37 CFR §1.56, §1.97 and §1.98

Assistant Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

The references listed in the attached Forms PTO/SB/08A and B may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56, 1.97, and 1.98. The Examiner is requested to make these citations of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

Copies of the references are enclosed, as required under 37 CFR §§1.98.

This Information Disclosure Statement is being timely filed under 37 CFR §§1.97 and is being filed:

Attorney Docket No. SHE0074.00

☒ within three months of the filing date of a national application; within three months of the date of entry of the national stage as set forth in section 1.491 in an international application; or before the mailing date of a first Office action on the merits (whichever event occurs last);

☐ Please charge the amount of \$___ to Deposit Account 500348

☒ If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500348.

Respectfully submitted,

NEKTAR THERAPEUTICS
(Formally known as:
INHALE THERAPEUTIC SYSTEMS, INC.)

Dated: October 15, 2004

By: Mark A. Wilson
Mark Wilson
Reg. No. 43,275

San Carlos, CA 94070
(650) 631-3100



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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

8

Complete if Known

Application Number	10/751,009
Filing Date	12/31/2003
First Named Inventor	Samuel P. McManus et al.
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	SHE0074.00

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A	US- 2002/0102671	08/01/2002	Janda et al.	
	B	US- 2003/0157582	08/21/2003	Roisin et al.	
	C	US- 3,551,384	12/29/1970	Zeh	
	D	US- 3,668,183	06/06/1972	Hoy et al.	
	E	US- 3,779,986	12/18/1973	Smith et al.	
	F	US- 4,980,514	12/25/1990	Sanderson et al.	
	G	US- 4,992,204	02/12/1991	Kluger et al.	
	H	US- 5,002,998	03/26/1991	Carey et al.	
	I	US- 5,045,396	09/03/1991	Lin et al.	
	J	US- 5,138,095	08/11/1992	Speranza et al.	
	K	US- 5,149,806	09/22/1992	Moren et al.	
	L	US- 5,151,470	09/29/1992	Sanders et al.	
	M	US- 5,580,923	12/03/1996	Yeung et al.	
	N	US- 5,674,531	10/07/1997	Ahlers et al.	
	O	US- 5,723,289	03/03/1998	Eaton et al.	
	P	US- 5,733,968	03/31/1998	Moszner et al.	
	Q	US- 5,858,660	01/12/1999	Eaton et al.	
	R	US- 5,932,641	08/03/1999	Blanchard et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	V	CA 1148166	06/14/1983	Ausonia Farmaceutici s.r.l.		
	W	DE 10126158	12/12/2002	Novira Chem GmbH		
	X	DE 3334209	04/04/1985	Henkel KGaA		
	Y	EP 0361704	04/04/1990	Imperial Chem. Industries PLC		
	Z	EP 0 400 486	12/05/1990	Sumitomo Pharm. Co., Ltd.		

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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(Use as many sheets as necessary)

Sheet	2	of	8
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Filing Date	12/31/2003
First Named Inventor	Samuel P. McManus et al.
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	SHE0074.00

U. S. PATENT DOCUMENTS

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	AA	EP 0420232	04/03/1991	European Pharmacy Sri		
	AB	EP 0457128	11/21/1991	Mobay Corporation		
	AC	EP 0605963	07/13/1994	Ortho Pharm. Corp.		
	AD	EP 0634393	01/18/1995	Ivoclar Ag		
	AE	EP 1174436	01/23/2002	Seiko Epson Corp.		

Examiner Signature		Date Considered	
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	AF	EP 1310533	05/14/2003	Agfa-Gevaert		
	AG	JP 1-255620	10/12/1989			
	AH	JP 2000-129568	05/09/2000			
	AI	JP 2001-255620	09/21/2001			
	AJ	JP 2002-234940	08/23/2002			

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Sheet 4 of 8**Complete if Known**

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		US-			
		US-			
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	AK	JP 2-283659	11/21/1990			
	AL	JP 60-212435	10/24/1985			
	AM	JP 6-324421	11/25/1994			
	AN	JP 6-49471	02/22/1994			
	AO	JP 6-9737	01/18/1994			

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Sheet 5 of 8**Complete if Known**

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Attorney Docket Number	SHE0074.00

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	AP	JP 7-159917	06/23/1995			
	AQ	JP 7-62279	03/07/1995			
	AR	JP 7-62594	03/07/1995			
	AS	WO 00/17398	03/30/2000	Nexstar Pharm. Inc.		
	AT	WO 00/44808	08/03/2000	Hubbell		

Examiner Signature		Date Considered	
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	AU	WO 01/04179	01/18/2001	The Dow Chem. Co.		
	AV	WO 01/04183	01/18/2001	The Dow Chem. Co.		
	AW	WO 01/92584	12/06/2001	Eidgenossische Tech. Hochschule		
	AX	WO 03/004471	01/16/2003	Ciba Specialty Chem. Holding, Inc.		
	AY	WO 03/008646	01/30/2003	Surmodics, Inc.		

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First Named Inventor

Samuel P. McManus et al.

Art Unit

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	BE	WO 97/49664	12/31/1997	Lambson Fine Chem. Ltd.		
	BF	WO 98/53857	12/03/1998	Mallinckrodt Med., Inc.		

**Examiner
Signature**

Date
Cons

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/751,009
Filing Date	12/31/2003
First Named Inventor	Samuel P. McManus et al.
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	SHE0074.00

Sheet 1 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	BG	CORDOVA ET AL., "A Highly Chemo- and Stereoselective Synthesis of B-Keto Esters via a Polymer-Supported Lipase Catalyzed Transesterification," J. Org. Chem. 2001, Vol. 66, 1906-1909.	
	BH	HAAG ET AL., "New Polyethylene Glycol Polymers as Ketal Protecting Groups - A Polymer Supported Approach to Symmetrically Substituted Spiroketal," Synthetic Communications (2001), Vol. 31, No. 19, pp. 2965-2977.	
	BI	HAI ET AL., "Polymerization of Diaspirin Cross-Linked Hemoglobin (DCLHb) with Water-Soluble, Nonimmunogenic Polyamide Cross-Linking Agents," Bioconjugate Chem. (1999), Vol. 10, pp. 1013-1020.	
	BJ	HERMAN ET AL., "Poly(Ethylene Glycol) with Reactive Endgroups: I. Modification of Proteins," J. of Bioactive and Compatible Polymers, Vol. 10, April 1995, pp. 145-187.	
	BK	HUANG ET AL., "The Synthesis of Polyethylene Glycol (PEG) with Different Functional Groups at Each End. II. Synthesis of a Series of Monosubstituted PEG via Polyvinyl Alcohol (PVA) as Support," J. of Applied Polymer Sci. (1993), Vol. 47, pp. 1503-1511.	
	BL	MOHSENI ET AL., "Conduction and electrooptical properties of vanadium-containing polymer electrolyte networks from sol-gel methods with modified poly(ethylene glycol)s and poly(tetramethylene oxide)," J. Mater. Chem. (1999), Vol. 9, pp. 1363-1367.	
	BM	MOSZNER ET AL., "Reaction behaviour of monomeric B-ketoesters," Polymer Bulletin (1994), Vol. 32, pp. 411-417.	
	BN	NAKA ET AL., "Synthesis of a star-shaped polymer having tris (B-diketonato)chromium(III) at the center core," Polymer Bulletin (1998), Vol. 41, pp. 263-266.	
	BO	PANDE ET AL., "Camphorquinone-10-sulfonic acid and derivatives: Convenient reagents for reversible modification of arginine residues," Proc. Natl. Acad. Sci. USA, Vol. 77, No. 2, pp. 895-899, February 1980, Biochemistry.	
	BP	PARR ET AL., "Factors influencing the retention and chemical stability of poly(ethylene glycol)-lipid conjugates incorporated into large unilamellar vesicles," Biochimica et Biophysica Acta 1195 (1994), pp. 21-30.	

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				Examiner Name	Unassigned
Sheet	2	of	2	Attorney Docket Number	SHE0074.00

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	BQ	SELIGER ET AL., "Two-carrier liquid-phase synthesis of main-chain liquid crystalline oligomers and characterization of the products," Fresenius J. Anal. Chem. (1995), Vol. 351, pp. 260-270.	
	BR	NOF Corporation, Catalog 2003 - 1st: PEG Derivatives, Phospholipid and Drug Delivery Materials for Pharmaceuticals, Tokyo, Japan, 1-46.	
	BS	Shearwater Polymers, Inc., Catalog 1995: Polyethylene Glycol Derivatives, Huntsville, AL, pp. 2-49.	
	BT	Shearwater Polymers, Inc., Catalog 1997-1998: Polyethylene Glycol Derivatives, Huntsville, AL, pp. 1-53.	
	BU	Shearwater Polymers, Inc., Catalog 2001: Polyethylene Glycol and Derivatives for Biomedical Applications, Huntsville, AL, pp. 1-17.	
	BV	Nektar Therapeutics, Nektar Molecule Engineering Catalog 2003: Polyethylene Glycol and Derivatives for Advanced PEGylation, pp. 1-20.	

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